DT 0 4	440			Application No.	Applicant(s)	<del></del>	Pag	e 1 of 8
PTO-1	449	1		10/849,346				
Info	orn	nation Disclosi	ure Citation	Docket Number	Mohammed N Group Art Unit	. Islam et al.   Filing Date		
		in an Applica	tion		2873			
				074036.0134	1 2015	May 19, 200	04	
				U.S. PATENT DOCUMEN	TS			
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	
7K) 1	A	4,011,009	03/08/77	Lama, et al.	385350	27 <del>162 R</del>	05/27	7/75
E E	В	4,900,119	02/13/90	Hill, et al.	359-350-	57   <del>96.15</del>	04/0	1/88
5	C	5,103,340	04/07/1992	Dono et al.	385	46	08/07/	1991
<b>/</b>	P	5,212,743	05/18/93	Heismann	385	11	02/12	2/92
KE	E	5,291,502	03/01/1994	Pezeshki et al.	372	20	09/04/	1992
K F	F	5,311,360	05/10/94	Bloom, et al.	359	572	04/28	3/92
5 0	<b>3</b>	5,343,542	08/30/1994	Kash et al.	385	31	04/22/	1993
K	н	5,459,610	10/17/95	Bloom, et al.	359	572	05/20	0/93
<u> </u>	1	5,500,761	03/19/96	Goossen, et al.	359	290	01/27	7/94
Z .	<u>,                                    </u>	5,654,819	08/05/97	Goossen, et al.	359	291	01/07	7/95
e +	к	5,659,418	08/19/97	Yurke	359	290	02/0	5/96
<del>کا ا</del>		5,661,592	08/26/97	Bornstein, et al.	359	291	01/07	7/95
<u> </u>	и	5,701,193	12/23/97	Vogel, et al.	359	290	02/2	1/96
E 1	N	5,745,271	04/28/98	Ford, et al.	359	130	07/3	1/96
			F	OREIGN PATENT DOCUM	ENTS	<u> </u>	TRANSL	ATION
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
K) (	0	0 667 548 A1	16.08.1995	EP	G02B	26/02	X	
5 7	P	0 689 078 A1	27.12.1995	EP	G02B	26/08	X	
				NON-PATENT DOCUMEN	ITS			
							τ	
		DOC	:UMENT (Includir	ng Author, Title, Source, a	nd Pertinent Page	5)	DA	
K		K. E. Petersen, "Mi	cromechanical Lig	ng Author, Title, Source, a ht Modulator Array Fabrica	nd Pertinent Page	s) lied Physics	DA 10/1	
r	Q	K. E. Petersen, "Mi Letters, Vol. 31, No	cromechanical Lig b. 8, pp. 521-523	ng Author, Title, Source, a ht Modulator Array Fabricat echanical Modulator," Elsev	nd Pertinent Page ted On Silicon," App	lied Physics		5/77
5	R	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "I C. M. Ragdale, et a	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Thr	ht Modulator Array Fabricate echanical Modulator," Elsevee Channel Laser and Optic	nd Pertinent Page ted On Silicon," App vier Science S.A., pp	o. 46-50	10/1	5/77 96
5	R	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "I C. M. Ragdale, et a Wavelength Divisio K. O. Hill, et al., "N	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Thr in Multiplexing," El arrow-Bandwidth (	ht Modulator Array Fabricat	nd Pertinent Pages ted On Silicon," App vier Science S.A., pp cal Multiplexer for N lo. 11, pp. 897-898	lied Physics  0. 46-50  arrowband	10/19	5/77 96 6/94
555	R S	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "M C. M. Ragdale, et a Wavelength Divisio K. O. Hill, et al., "N Vol. 23, No. 9, pp. C. M. Ragdale, et a	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Thr on Multiplexing," El arrow-Bandwidth ( 465-466 al., "Integrated Las	ht Modulator Array Fabrical echanical Modulator," Elsev ee Channel Laser and Optic ectornics Letters, Vol. 30, N Optical Waveguide Transmi er and Add-Drop Optical Me	nd Pertinent Page: led On Silicon," App vier Science S.A., pp cal Multiplexer for N lo. 11, pp. 897-898 ssion Filters," Electr	o. 46-50 arrowband onic Letters,	10/19 199 05/20	5/77 96 6/94 3/87
ns 5 25	R	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "M C. M. Ragdale, et a Wavelength Divisio K. O. Hill, et al., "N Vol. 23, No. 9, pp. C. M. Ragdale, et a Wavelength Divisio K. Aratani, et al., "N	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Thr in Multiplexing," El arrow-Bandwidth ( 465-466 al., "Integrated Las on Multiplexing," El Process and Desig	ht Modulator Array Fabrical echanical Modulator," Elsev ee Channel Laser and Optic ectomics Letters, Vol. 30, N Optical Waveguide Transmi er and Add-Drop Optical Meters and Add-Drop Optical Meters, Vol. 28, No n Considerations for Surface	nd Pertinent Page: ted On Silicon," App vier Science S.A., pp cal Multiplexer for N lo. 11, pp. 897-898 ssion Filters," Electr ultiplexer for Narrow p.89, pp. 712-714	o. 46-50 arrowband onic Letters,	10/1: 19: 05/2: 04/2:	5/77 96 6/94 3/87 9/92
NS NS	R S T U	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "I C. M. Ragdale, et a Wavelength Divisio K. O. Hill, et al., "N Vol. 23, No. 9, pp. C. M. Ragdale, et a Wavelength Divisio K. Aratani, et al., "I Tuneable Interfero	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Thr in Multiplexing," El arrow-Bandwidth ( 465-466 al., "Integrated Las on Multiplexing," El Process and Desig	echanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Laser and Optical Coptical Waveguide Transmiter and Add-Drop Optical Modulatoric Letters, Vol. 28, Non Considerations for Surfaccon," Handbook of Physics,	nd Pertinent Pagested On Silicon," Applier Science S.A., pp. cal Multiplexer for Nato. 11, pp. 897-898 ssion Filters," Electruitiplexer for Narrow 0.89, pp. 712-714 se Micromachined B pp. 230-235	o. 46-50 arrowband onic Letters,	10/19 199 05/20 04/20 04/09	5/77 96 6/94 3/87
NS NS	R S T U	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "I C. M. Ragdale, et a Wavelength Divisio K. O. Hill, et al., "N Vol. 23, No. 9, pp. C. M. Ragdale, et a Wavelength Divisio K. Aratani, et al., "I Tuneable Interfero	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Throm Multiplexing," El arrow-Bandwidth (465-466 al., "Integrated Las on Multiplexing," El Process and Designeter Array in Silio	echanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Laser and Optic ectornics Letters, Vol. 30, No Optical Waveguide Transmiter and Add-Drop Optical Milectronic Letters, Vol. 28, No on Considerations for Surfaccon," Handbook of Physics,  DATE CO	nd Pertinent Pages ted On Silicon," App vier Science S.A., pp cal Multiplexer for N lo. 11, pp. 897-898 ssion Filters," Electr ultiplexer for Narrow 0.89, pp. 712-714 te Micromachined B pp. 230-235 NSIDERED	o. 46-50 arrowband onic Letters,	10/19 199 05/20 04/20 04/09	5/77 96 6/94 3/87
NS NS NS EXAM	R S T U	K. E. Petersen, "Mi Letters, Vol. 31, No C. Marxer, et al., "I C. M. Ragdale, et a Wavelength Divisio K. O. Hill, et al., "N Vol. 23, No. 9, pp. C. M. Ragdale, et a Wavelength Divisio K. Aratani, et al., "I Tuneable Interfero	cromechanical Lig b. 8, pp. 521-523 Megahertz Opto-M al., "Integrated Throm Multiplexing," El arrow-Bandwidth (465-466 al., "Integrated Las on Multiplexing," El Process and Designeter Array in Silic DAVID SI PRIMARY E	echanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Modulator," Elsevechanical Laser and Optic ectornics Letters, Vol. 30, No Optical Waveguide Transmiter and Add-Drop Optical Milectronic Letters, Vol. 28, No on Considerations for Surfaccon," Handbook of Physics,  DATE CO	nd Pertinent Pages and On Silicon," App wier Science S.A., pp cal Multiplexer for N do. 11, pp. 897-898 ssion Filters," Electr cultiplexer for Narrow p.89, pp. 712-714 de Micromachined B pp. 230-235 INSIDERED	lied Physics  5. 46-50  arrowband  onic Letters,  band  eams for A	10/19 199 05/20 04/23 04/09	5/77 96 6/94 3/87 9/92

				5
PTO-1449	Application No.	Applicant(s)		
Information Disclosure Citation	10/849,346	Mohammed N. Is	slam et al	
	Docket Number	Group Art Unit	Filing Date	
in an Application	074036.0134	2873	May 19, 2004	
		<del></del>		

### **U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DE	A	5,751,469	05/12/98	Arney, et al.	359	291	02/01/96
l	В	5,774,252	06/30/1998	Lin et al.	359	224	04/19/1996
	С	5,825,528	10/20/98	Goossen	359	291	12/26/95
	D	5,835,255	11/10/98	Miles	359	291	05/05/94
Γ	E	5,841,579	11/24/98	Bloom, et al.	359	572	06/07/95
	F	5,850,492	12/15/98	Morasca, et al.	385	11	11/06/96
	G	5,870,221	02/09/99	Goossen	359	290	07/25/97
	Н	5,909,303	06/01/1999	Trezza et al.	359	248	01/03/1997
Γ	1	5,914,804	06/22/99	Goossen	359	291	01/28/98
	J	5,920,391	07/06/1999	Grasdepot et al.	356	352	04/22/1998
	K	5,943,155	08/24/99	Goossen	359	247	08/12/98
1	L	5,943,158	08/24/99	Ford, et al.	359	295	05/05/98
1	М	5,943,454	08/24/99	Aksyuk, et al.	385	22	08/15/97
	N	5,949,571	09/07/99	Goossen, et al.	359	291	07/30/98

# FOREIGN PATENT DOCUMENTS

							TRANSL	ATION
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
M	0	0 788 005 A2	06.08.1997	EP	G02B	26/02	X	
DE	P	99/34484	08.07.1999	WO	H01S		×	
DE	a	01/09995 A1	08.02.2001	WO	H01S	5/00	X	

## **NON-PATENT DOCUMENTS**

	1	· ·	
	Į.	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
Ot	R	O. Solgaard, et al., "Deformable Grating Optical Modulator," Optics Letters, Vol. 17, No. 9, pp. 688-690	05/01/92
	s	W.R. Wiszniewski, et al., "Mechanical Light Modulator Fabricated On A Silicon Chip Using Simox Technology, pp. 1027-1030	Undated
	Т	M.W. Chbat, "High-spectral-efficiency transmission systems," OFC 2000, Baltimore, MD, pp TuJ1-1, 134-136	<del></del>
	υ	J.W. Bayless, et al., "The Specification and Design of Bandlimited Digital Radio Systems," IEEE Transactions on Communications, Vol. COM-27 (12): pp. 1763-1770	
	V	D.E. Sene, et al., "Polysilicon Micromechanical Gratings for Optical Modulation," Elsevier Vol. Sensors and Actiators (A 57), pp. 145-151	
1037	ABETAT	DATE CONCIDEDED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. Patent and Trademark Office

Information Disclosure Citation in an Application in an Application of the interval of the int

## **U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W	A	5,949,801	09/07/1999	Tayebati	372	20	07/22/1998
Ī	В	5,960,133	09/28/99	Tomlinson	385	18	01/27/98
T	С	5,974,207	10/26/99	Aksyuk, et al.	385	24	12/23/97
Ť	D	5,986,796	11/16/99	Miles	359	260	11/05/96
T	E	5,999,319	12/07/1999	Castracane	359	573	04/29/1998
T	F	6,002,513	12/14/99	Goossen, et al.	359	291	06/22/98
T	G	6,025,950	02/15/2000	Tayebati et al.	359	244	07/27/1998
T	Н	6,041,071	03/21/2000	Tayebati	372	64	09/27/1996
	1	6,123,985	09/26/2000	Robinson et al.	427	162	10/28/1998
	J	6,204,946 B1	03/20/2001	Aksyuk et al.	359	131	11/12/97
Ī	K	0055147 A1	12/27/2001	Little et al.	359	293	03/20/2001
T	L	6,271,052 B1	08/07/2001	Miller et al.	438	50	10/19/2000
レ	М	6,301,274 B1	10/09/2001	Tayebati et al.	372	20	03/30/1999

## FOREIGN PATENT DOCUMENTS

	vđ	_						TRANSL	ATION
V	<u>13</u>		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		N	01/67156 A2	13.09.2001	wo	G02B	26/00	X	
		0	01/67157 A2	13.09.2001	wo	G02B	26/00	х	
П		Р	01/67158 A2	13.09.2001	wo	G02B	26/00	Х	
		Q	01/67171 A2	13.09.2001	wo	G02F	1/21	×	
		R	01/75497 A1	11.10.2001	WO	G02B	6/35	х	

### **NON-PATENT DOCUMENTS**

DIS		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	s	D.M. Burns, et al., "Micro-Electro-Mechanical Variable Blaze Gratings," IEEE 10th Annual International Workshop on Micro Mechanical Systems, pp. 385-391	1997
	т	L.Y. Lin, et al., "Micromachined polarization-state controller and its application to polari zation-mode dispersion compensation," OFC 2000, Baltimore, MD, pp. ThQ3-1, 244-246	2000
	υ	J.W. Bayless, et al., "High Density Digital Data Transmission," National Telecommunications Conference, Dallas, TX, pp. 1-6	1976
V	<b>y</b>	R.W. Corrigan, et al., "17.3: Calibration of a Scanned Linear Grating Light Value Projection System "www.siliconlight.com	1999

DAVID SPECTOR 8 30 2004

EXAMINER: Inner if citation considered, whether entroit citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. Patent and Trademark Office

PTO				T 4 11 11 11	1 4 11 44-5			e 4 of 8	
	- 144	<b>19</b>		Application No. 101849 346	Applicant(s)				
In	for	mation Disclosi	ure Citation	Docket Number	Mohammed Moh	I. Islam et al. Filing Date			
		in an Applica	ition		12873				
				074036.0134		May 19, 200	04		
•				U.S. PATENT DOCUMEN	TS				
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	SUBCLASS FILING		
YS	A	6,341,039 B1	01/22/2002	Flanders et al.	359	578	08/25	/2000	
	В	6,373,632 B1	04/16/2002	Flanders	359	578	08/25	/2000	
	С	6,381,387 B1	04/30/2002	Wendland, Jr.	385	37	08/02	/2000	
		6,407,851 B1	06/18/2002	Joyner et al.	385	14	10/08	/2002	
	D	2002/0035193 A1	02/20/2003	Islam et al.	359	290	08/22	/2002	
	E	2003/0081878 A1	05/01/2003	Joyner et al.	385	14	10/08	/2002	
$\Box$	F	2003/0086465 A1	05/08/2003	Peters et al.	372	50	10/30	/2002	
	G	2003/0095736 A1	05/22/2003	Kish, JR. et al.	385	14	10/08	/2002	
25	Н	2003/0095737 A1	05/22/2003	Welch et al.	385	14	10/08	/2002	
	_	6 597 492 B2	07/22/2003	Islam et al.	350	391	08/22	2002	
ZK	J	6,611,366 B1	08/26/2003	Islam et al.	359	291	04/22	/2002	
W	K 6,654,157 B2 11/25/2003 Islam et al. 359 291							/2002	
	•		F	OREIGN PATENT DOCUM	ENTS				
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL YES	ATION	
20	L	WO 01/37021 A1	14.11.2000	PCT	G02B	6/42	×		
Ï	М	WO 01/79795 A1	22.03.2001	PCT	G01J	3/28	Х		
	N	WO 02/056521 A1	02.11.2001	PCT	H04J	14/00	X		
				NON-PATENT DOCUMEN	ITS				
		DOC	UMENT (Includir	ng Author, Title, Source, ar	nd Pertinent Page	s)	DA		
15	0	SLM "GLV Technol	logy," <u>www.siliconl</u>	light.com			199	99	
	Ρ	R.W. Corrigan, et International Displa		Valve Technology for Proj s, Japan	ection Displays," I	Presented at the	199	98	
	Q	M. Ming, et al., "Pri	nciples and Applic	ations of Optical Communic	ations," Irwin, pp. 4	168 & 470	199	96	
	R	SLM "The Grating I	Light Valve Techno	ology," <u>www.siliconlight.com</u>	<u> </u>		19	99	
	s	SLM "The Scanned	Grating Light Val	ve Display Architecture," www	w.siliconlight.com		199	99	
	Т	A/Willner, "WDM S	Systems 1," OFC 'S	97, Dallas, TX, pp. TuJ, 43-4	15		199	97	
EXA EXA	T T	HER: Tritter if Sulfis	PRIMARY In considered, who	PECTOR / )				through	

P	TO-1449				Appli	cation No.	.	Applicant(s)		1 45	E 3 01 6
	Inf	orn	nation Disclosu	o Citation	10	184934		Mohammed N			
	1111	OHI	in an Applicati		Dock	et Number	_   6	Group Art Unit	Filing Date		
					0740	36.0134		2873	May 19, 20	04	
					U.S. PA	TENT DOCUME	NTS				<del></del>
			DOCUMENT NO.	DATE		NAME		CLASS	SUBCLASS	FILING	DATE
	7	A									
		<b>-</b>			OREIGN	PATENT DOCU	MENT	rs			
		T	DOCUMENT NO.	DATE		COUNTRY		CLASS	SUBCLASS	TRANSL	ATION
M	K	В	WO 02/059655 A2	20.12.2001		PCT		G02B	JUDULAGO	X	110
		c	WO 02/06860 A1	11.07.2001		PCT		G02B	5/18	X	
1	<b>7</b>	D	WO 02/10822 A1	31.07.2001		PCT		G02B	6/34	Х	i
	NON-PATENT DOCUMENTS									<u> </u>	. <del></del>
	Т		2001	NENT /		- Titl- C		Partinget Base	-\	DA	TE
7			C. Pu, et al., "Mich	romachined In	tegrated		tion-S	tate Rotator,"	s) IEEE Photonics		
4	4	<u>E</u>	Technology Letters, \ D.T. Amm, et al.,	"5.2: Grating	Light Val	ve□ Technology			el Applications,"	19	99
H		F	Presented at Society  J.E. Ford, et al., "Fit			• •			SPIE, Vol. 3226,	19	
Н		G	pp. 86-96 D.M. Burns, et al., "(	Development o	f Michrom	echanical Variab	le Bla	ze Gratings." I	Elsevier Science		
Ш		Н	S.A., vol. Sensors an C.K. Madsen, et al.,	d Actuators, pp	. 7-15					1998	
Ш		1	Technology Letters, \	Vol. 12 (6), pp.	651-653					2000	
		J	J.E. Ford, et al., "Pa: 318	·	•					1998	
		ĸ	K.W. Goossen, et a Power Equalization	I., "Micromech	anical Ga	in Slope Compe	ensato	or for Spectrally	y Linear Optical	20	00
		L	K.W. Goossen, et al. Mbit/sec Capability f (9), pp. 1119-1121	or Fiber-in-the-	Loop App	lications," IEEE I	Photo	nics Technolog	y Letters, Vol. 6	19	94
		M	L.Y. Lin, et al., "Ang IEEE Photonics Tech					cromachined O	ptical Switches,"	19	99
		N	L.Y. Lin, et al., "Free for Large-Scale Option 527								98
		0	L.Y. Lin, et al., "Op Speed Networks, pp.		nects for	High-capacity Li	ghtwa	ve Networks,"	Jornal of High	19	99
		Р	E.P. Furlani, et al., Institute of Physics, \			nt valves with p	artial	surface electro	odes," American	19	98
E.P. Furlani, et al., "Theory and simulation of viscous damped reflection phase gratings," J. Phys. D: Appl. Phys., Vol. 32, pp. 412-416								19	99		
		ጽ	K. Aratani, et al., "S Vol. 43, pp. 17-23			ED			s and Actuators,	19	94
E	XAN	INI		PRIMARY!	EXMINITY:	DATE G	ONSI	PERED			
	$\mathcal{U}$	Щ	· 011			8	30	2004	(000 0 000		
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F	PTO-1449				Applic	ation No.	A	pplicant(s)			
	_	_			10 /	1249 346	Ιм	ohammed N	I. Islam et al.		
	In	iforr	nation Disclosu		Docke	t Number	G	roup Art Unit	Filing Date		
			in an Applicat	tion	0740	36.0134	:	2873	May 19, 20	04	
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		Α									
					FOREIGN I	PATENT DOCUME	ENTS	S			
r			DOCUMENT NO.	DATE		COUNTRY		CLASS	SUBCLASS	TRANSL	ATION
7	A	В	WO 01/37021 A1	14.11.2000		PCT		G02B	6/42	X	110
۲	1	С	WO 01/79795 A1	22.03.2001		PCT		G01J	3/28	×	
H	$\forall$	D	D WO 02/056521 A1 02.11.2001 PCT H04J 14/00							×	†···
	<b>_</b>	NON-PATENT DOCUMENTS									
F			T	·						1	
L			R.T. Howe, et al.	UMENT (Includ	ding Author	, Title, Source, an	d Po	ertinent Page	s)	DA	
1	凶	E	Society," Vol. 130 (6	S), pp. 1420-14	23					1983	
		F	S.R. Mallinson, "Wa interferometers," Ap	plied Optics, V	ol. 26 (3), pp	. 430-436		-			87
		G	L.Y. Lin, et al., "Mic Dispersion-compens	sation," OFC 20	000, Baltimo	re, MD, pp. ThQ3-	1, 14	4-246		2000	
		Н	L.Y. Lin, et al., Micromachines," Of	"Optical-layer C 2000, Baltim	Networking nore, MD, pp	: Opportunities 1 . 1-88	or	and Progress	s in Lightwave	2000	
	П	ı	Author Unknown, "E	Diffraction and I	nterference,	Optics, Chapter 6	, pp	. 102-103		Undated	
	П	J	"Polarization Mod http://www.usa.alca			Cables & C .htm	omp	onents Tec	hnical Papers,	2000	
$\vdash$	$\Box$	K	"Menyuk Tutorial," (	OFC 2000, pp.	92-94					03/2	000
		L	Agrawal, "Fiber-Option Optics University of				ienc	e Publication,	The Institute of	19:	97
		M	Ford et al., "Fiber-C 3226, pp. 86-93	oupled Variable	e Attenuator	Using a MARS Mo	odula	ator," Invited F	aper, SPIE, Vol.	19	97
		N	Sadot et al., "Tunat pp. 50-55	ole Optical Filte	rs for Dense	WDM Networks,"	IEE	E Communica	ations Magazine,	12/1	998
		0	Goossen, "MEMS-E	lased Variable	Optical Inter	ference Device," IE	EE,	Invited MB1,	pp. 17-18	08/2	000
		P	Walker et al., "Mech Applications," Invite	d FA1, pp. 59-6	<b>30</b>					Unda	ated
		Q	Jerman, "Minature WDM Systems," Tr pp. 372-375	Fabry-Perot In	terferomete	r Micromachined i il Solid-State Conf	n Si eren	licon for use ce on Sensor	in Optical Fiber s and Actuators,	19	91
Wu et al., "Widely and Continuously Tunable Micromachined Resonant Cavity Detector with Wavelength Tracking," IEEE Photonics Technology Letters, Vol. 8, No. 1, pp. 98-99											
No. 3, pp. 248 229								01/1	996		
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				U.S. PATENT DOCUMENT	rs			
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				FOREIGN PATENT DOCUME	NTS ·			
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL YES	ATION NO
nk	В	WO 02/059655 A2	20.12.2001	PCT	G02B		X	
1	С	WO 02/06860 A1	11.07.2001	PCT	G02B	5/18	×	
$\nabla$	D	WO 02/10822 A1	31.07.2001	PCT	G02B	6/34	×	
	- <del></del>			NON-PATENT DOCUMENT	rs			
		DOC	UMENT (Includ	ing Author, Title, Source, an	d Pertinent Page	e)	DA.	TF
NE	> D		performance mi	cromechanical tunable vertica			09/26/1996	
T	E	Tayebati et al., "Mic Letters, Vol. 34, No.		nical tunable filter with stable	half symmetric ca	vity," Electronics	10/01/1998	
	F	Tayebati et al., "Mirange," Electronics		anical tuneable filters with 0.4 No. 1, 2 pages	7 nm linewidth a	nd 70 nm tuning	01/08/1998	
	G	IEEE Photonics Ted	chnology Letters	Fabry-Perot Filter Using Ga(/ , Vol. 10, No. 3, pp. 394-396			03/1998	
Ш	н	Letters, Vol. 8, NO.	3	ned Fabry-Perot Tunable Fill			03/1	996
	1	arrays," SPIE, Vol. 3	3131, pp. 99-11(				Unda	ated
	J	Burns et al, " Design 100-110	gns to improve	polysilicon micromirror surfac	e topology," SPIE	., Vol, 3008, pp.	Unda	ated
Ш	K		i	Switch Architectures," Networ		<del></del>	Unda	ated
$\sqcup$	L			ased Optical Switch, Network widely tunable Fabry-Perot file			Unda	ated
1	M	No. 3, pp. 228-229					02/02/	1995
Щ	N	Letters, Vol. 34, No.	. 20, pp. 1967-19	nical tunable filter with stable 968 ned Fabry-Perot Tunable Fil			10/01/	1998
	0	Letters, Vol. 8, No.	3, pp. 393-395				03/1	996 ———
Ford et al, "Micromechanical Fiber-Optic Attenuator with 3 μs Response," Journal of Lightwave Technology, Vol. 16, No. 9, pp. 1663-1670  Walker et al., "Fabrication of a Mechanical Antireflection Switch for Fiber-to-the-Home Systems,"								998 ———
Q Journal of Microelectromechanical Systems, Vol. 5, No. 1, pp. 45-51 Goossen et al., "Micromechanical Gain Slope Compensator for Spectrally linear Optical Power								996
<u>V</u>	R	Equalization," IEEE	Photonics Tech	nology Letters, Vol. 12, No. 7,	рр. 831-833	- Optical Fower	07/2	000
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				hether or not citation is in cod.  d. Include copy of this form v				through
		and Trademark Office	not considere			пр		

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